



BROOKHAVEN BULLETIN

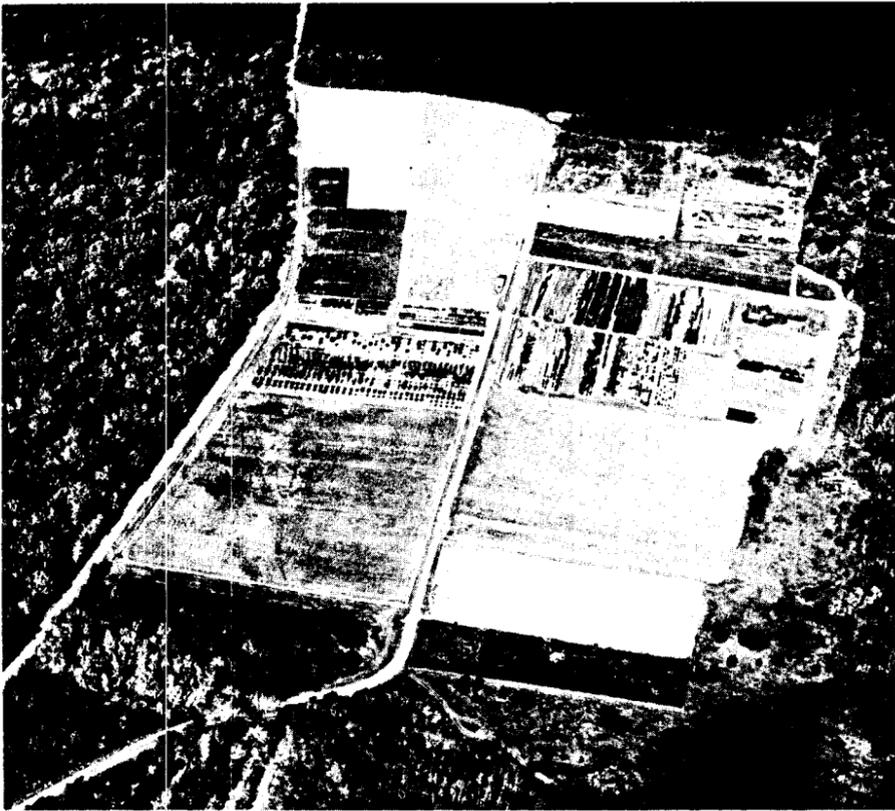
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Volume 24, Number 4

January 29, 1970

Environmental Research At BNL



Research fields in the western areas of the Lab site are used for ecological surveys being conducted by BNL's Biology Department.

Increase Yield On E and H Bonds — Drop Freedom Share

The Treasury Department has recently announced changes in its Savings Bond and Freedom Share securities. Retroactive to June 1, 1969, the familiar Series "E" Bond has increased its interest yield from 4.25% to 5% when held to maturity of five years and ten months.

For holders of the "H" Bond, the interest rate has also been increased to 5% when held to maturity of ten years. Both bonds now have a purchase price limit of \$5,000 per calendar year. Since "E" and "H" Bonds purchased prior to June 1, 1969 will receive comparably higher interest rates for the remaining period to maturity, there is no advantage in redeeming these securities for newer bonds.

The announcement also indicated that the Freedom Share, introduced in 1967 as a short term, higher interest security, will not be available for purchase after June 30, 1970. The reason for this is that the Series "E" now offers the same interest yield as the Freedom Share at maturity. Freedom shares purchased from May 1, 1967 through May 31, 1968, continue to earn at the original rate of 4.74%. Only those shares purchased from June 1, 1968 through June 1, 1970 earn the 5% rate at maturity.

Since the Freedom Share will be discontinued, the payroll savings plan for those employees who are purchasing the Savings Bond/Freedom Share combination will cease as of July 1, 1970, unless they execute a new authorization for the straight purchase of Series "E" Bonds. Authorization forms are being mailed to these employees.

Los Alamos Veterans Reunion 1945-1970

All men and women in uniform stationed in Los Alamos, New Mexico during the World War II years are invited to meet in that Atomic City to take part in a Reunion on June 26-28, 1970.

This event marks the 25th Anniversary of the birth of the Atomic Age. The Los Alamos Scientific Laboratory will be holding one of its traditional Family Days on Saturday and Sunday, June 27 and 28, 1970. The Veterans' Reunion will start one day earlier for the purpose of registration, to be followed by dinner, and a meeting in the Civic Auditorium. A barbecue is planned for Saturday, June 27, 1970. Of course the visits of the Laboratory and other installations in Los Alamos which are open to the public every five years only, are also a part of the program.

Veterans who have served in Los Alamos during these years and would be interested in coming to this beautiful mountain city, and bringing your family with you, should write immediately to: Reunion, P.O. Box 663, Los Alamos, New Mexico 87544, for further information about this gala event.

Train Schedule Changed

A Laboratory vehicle has been meeting the 8:09 a.m. train from Penn Station when it arrived at 9:46 a.m. at Patchogue. This train has been rescheduled. Effective January 20, 1970, a Laboratory vehicle will meet the 8:37 a.m. train from Penn Station arriving in Patchogue at 10:16 a.m. There is no change in the p.m. departure schedule. A Laboratory vehicle will still leave from the Administration Building at 3:50 p.m. to meet the train departing from Yaphank at 4:09 p.m., arriving at Penn Station at 5:52 p.m.

Kuper Named Head Of New Study Group

Lab Director Maurice Goldhaber announced on Tuesday the formation of the Environmental Sciences Study Group under the chairmanship of J.B.H. Kuper, Chairman of the Instrumentation and Health Physics Department.

Following the recommendation of the Environmental Sciences Committee under the chairmanship of Dr. Horton Johnson, the Study Group is being established to consider in a broad way how Brookhaven can best contribute to the solution of the problems of man and his environment.

The Committee felt that the lack of basic understanding of relationships between man and his environment poses an urgent problem, and that it is appropriate for BNL to undertake research in this area, with a view to exploiting its unique capabilities and its experience in interdisciplinary projects. They also recommended that the work should be as quantitative and dynamic as possible and should avoid fragmented qualitative studies.



J.B.H. Kuper

tion and Health Physics), and Arnold H. Sparrow (Biology). In addition, leading environmental scientists and ecologists from outside the Laboratory will be consulted. The Study Group hopes that all members of the BNL staff will feel free to offer suggestions or comments. The Study Group will have offices in the BGRR building.

Dr. Kuper, head of the ESSG, has been at the Laboratory since its inception, and has been Chairman of the Instrumentation and Health Physics Department since September, 1948. In 1930 he received his Bachelor of Science degree from Williams College and in 1938 his Ph.D. from Princeton. Dr. Kuper is a member of Phi Beta Kappa, Sigma Xi, the Health Physics Society, the Radiation Research Society, and is a Fellow of both the American Physical Society and Institute of Electrical and Electronic Engineers. He also serves as editor of the Review of Scientific Instruments.

During Dr. Kuper's full time service as Chairman of the Study Group, Dr. Frederick P. Cowan will be acting Chairman of the Instrumentation and Health Physics Department, with Robert L. Chase as his Deputy.



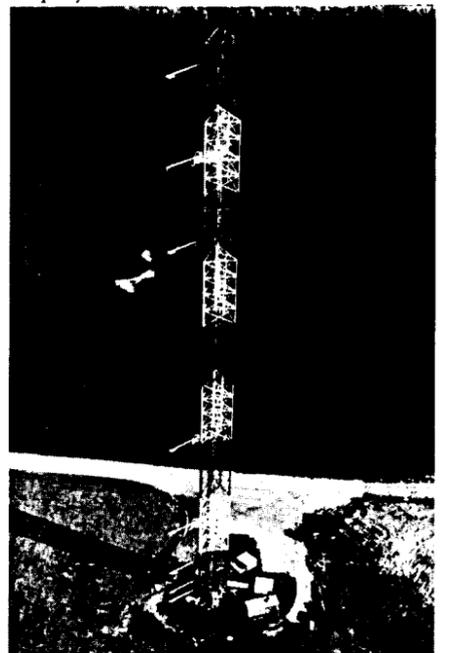
Horton A. Johnson

To this end, the Committee proposed the establishment of a Study Group composed of staff members who can devote the major part of their time for the next few months to the task of becoming informed of work of other laboratories and agencies, surveying all work at BNL (on-going or proposed) related to environmental science, assessing the potential of the Laboratory for work in this field, and recommending a course of action to the Administration.

When asked to comment on the formation of the Study Group, Chairman Kuper said, "I am very happy that there has been so much interest on the part of the BNL Staff, and am confident that with their help, Brookhaven will play a leading role in solving problems of our environment."

In addition to Chairman Kuper, other members appointed to the Study Group are: Allen N. Goland (Physics), Horton A. Johnson (Medical), Harold A. Schwarz (Chemistry), Harold H. Smith, Robert Steele, and George Woodwell (Biology), and Richard H.J. Wiswall (Applied Science).

Additionally, the Study Group will get assistance from many others who cannot devote a major fraction of their time to this study, particularly Paul Craig and B. Chalmers Frazer (Physics), Lewis Friedman (Chemistry), Leland J. Haworth (AUI), Bernard Manowitz (Applied Science), Maynard E. Smith (Instrumenta-



The 420-ft Meteorology Tower has been in use for many years in research directed towards dispersal of pollutants.

BNL's First Director Named APS VP Elect

Dr. Philip M. Morse, Professor Emeritus of Physics at the Massachusetts Institute of Technology, has been named Vice-President Elect of The American Physical Society at the annual meeting of the scientific organization in the Palmer House in Chicago.

Announcement of his election was made on Monday afternoon at the business meeting of the Society. Dr. Morse, who served as Director of the MIT Computation Center from 1955 to 1967 and was Director of the MIT Operations Research Center from 1953 to 1969, will assume his new post at the conclusion of the meeting on Thursday, January 29.

Dr. Morse is Chairman of the Advisory Committee on the American Institute of Physics Information Program. He was the first Director of Brookhaven National Laboratory, from 1947 to 1949. He is pioneer in the field of operations research in the United States, receiving the Presidential Medal for Merit for his services in World War II and serving as the first president of the Operations Research Society. Operations research is the application of scientific and mathematical principles to problems of operations in industry, health services, transportation, police and fire management, and other areas in the public and private sectors.

The new President of APS will be Edward M. Purcell of Harvard University, a Nobel Prize winner. The incumbent president is another Nobel Laureate, Luis W. Alvarez of the University of California at Berkeley. The new Vice-President is Dr. Robert Serber, Professor of Physics and Director of Theoretical Physics Group at Columbia University.

Elected to the Council of APS are: Dr. Freeman J. Dyson of the Institute for Advanced Study in Princeton, and Dr. Vernon W. Hughes of Yale University.

On Wednesday evening, January 28, Professor Yoichiro Nambu of the Enrico Fermi Institute for Nuclear Studies of the University of Chicago received the 1970 Dannie Heineman Prize for Mathematical Physics.

The prize consists of an award of \$2,500 and a certificate and is given for distinguished work in mathematical physics. It was established by the Heineman Foundation for Research, Education, Charitable and Scientific Purposes, Inc. and is administered jointly by APS and the American Institute of Physics.

Dr. Nambu was honored "for his diverse and profound contributions to the theory, specifically for analysis of symmetry breaking in particle physics and of gauge invariance in the BCS theory of superconductivity, as examples of mathematical physics."

President Alvarez made the award at the joint banquet of The American Physical Society and the American Association of Physics Teachers.

BNL On TV Next Week

The first show of a five part series on the "Possible World of Tomorrow" will be shown on Channel 13 on February 6 at 8:30 p.m.

Five short foreign films all centered around the theme of the world of tomorrow will be introduced by Kurt Vonnegut, Jr., an author and commentator. Much of the footage for the introduction to each film was shot at BNL in both the HFBR and the BGRR.

Cooking Exchange

The next meeting of the Cooking Exchange will be held on Thursday, February 5, from 3 to 5 p.m. in the Apartment Area Recreation Building. Italian food will be featured in the demonstration.

A fee of 50¢ will be requested from each adult to defray the cost of the demonstrations and the babysitters.

Dollars and Sense

Gilbert Picard

The Dependency Exemption

Three qualifications are needed to meet the dependency exemption. They are:
1. Dependent must have less than \$600 of gross income, *except* if he or she is the child of a taxpayer *and* is:

- a) under 19, or
- b) a full time student at least five months during the year.
2. Dependent must be given over half of his support by taxpayer.
3. Dependent must be one of the following:
 - a) child, or descendant of such child, or stepchild
 - b) brother or sister
 - c) brother or sister by the half blood
 - d) stepbrother or stepsister
 - e) parent or ancestor of such parent
 - f) stepfather or stepmother
 - g) son or daughter of taxpayer's brother or sister
 - h) brother or sister of taxpayer's father or mother
 - i) son-in-law, daughter-in-law, father-in-law, mother-in-law, brother-in-law, or sister-in-law
 - j) a person (other than the taxpayer's spouse) who, during the taxpayer's entire taxable year, lives in the taxpayer's household (but not if the relationship between the person and the taxpayer is in violation of local law)
 - k) a cousin (descendant of a brother or sister of the taxpayer's father or mother) who, during the taxpayer's taxable year, is receiving institutional care on account of a physical or mental disability, and before receiving such care was a member of the same household as the taxpayer.

Exemptions for dependents are in addition to other types of exemptions. For example, a taxpayer may also have:

- a) personal exemptions
- b) old-age exemption, if 65 or older
- c) exemption for blindness.

Exemptions on 1969 tax returns are valued at \$600 each. Incidentally, even though your daughter married during the year and meets the above requirements, you can still claim her as a dependent as long as she does not file a joint return with her new husband.

Here's another tax tip, if a group collectively contributes over half of a dependents support and all other dependency requirements are met, one member of the group can claim the exemption for dependent as long as he contributed over 10% of the support. This is known as multiple support agreement (Form 2120) and must be agreed to in writing with other members of the group.

Arrivals & Departures

Arrivals	
San San Lin	Medical
Departures	
James P. Kinsella	PE&P

Here and There

Claire Lamberti

Stephen W. Feldberg and Ljubomir M. Jetic (both of DAS) attended the Gordon Research Conference in Electrochemistry in Santa Barbara, California, January 18-23.

J. Kahane (Applied Math) gave a talk entitled "Reduction of Dirac γ Matrices" at the Florida Atlantic University in Miami, Florida.

Abraham Hyman (Brookhaven AEC) was the inventor of both "Non-Material Aiming Target," for which U.S. Patent No. 3,475,029 was granted to the U.S. Navy on October 28, 1969, and "Shock Wave Sensor," for which U.S. Patent No. 3,484,741 was granted to the U.S. Navy on December 16, 1969.

Jack Van't Hof (Biology) presented a paper on "Mitotic Preparations: Evidence for Two Principal Points of Control During Interphase of Root Meristematic Cells" at the American Association for the Advancement of Science meeting in Boston, Massachusetts, December 28-30.

Lowell McLean (Accelerator) has been named to the Board of Directors of Brookhaven Memorial Hospital.

Gilbert S. Raynor (Meteorology) was the inventor of "Ambient Fluid Sampler," for which U.S. Patent No. 3,488,993 was granted to the AEC on January 13, 1970.

Bank Offers Speed Lines

As a result of a request made through the Tune In! program, the Peoples National Bank facility has arranged to have an express window available on pay days. This window will only be used by those people who wish to cash checks and not transact other business such as deposits and Christmas Clubs.

Packaging Problem

Permissible levels for DDT in cow's milk have been set at a maximum of .05 ppm. Research has shown that milk from nursing human mothers averages from .15 to .35 ppm. With these high levels of DDT, if human milk were packaged in any other container than that in which it is normally found, it would not be allowed to legally cross state lines.

Cafeteria Menu

Week Ending February 5, 1970

Friday, January 30	
Clam & Celery Bisque	
Fried Shrimp/Tartar Sauce	.75
Broiled Halibut/Butter Sauce	.75
Chopped Beefsteak/Smothered Onions	.65
Monday, February 2	
Turkey & Noodle Soup	
Baked Ham Steak/Pineapple Sauce	.65
Stuffed Cabbage	.65
Beef Liver/Smothered Onions	.65
Tuesday, February 3	
Minestrone Soup	
Roast Leg of Lamb/Mint Jelly	.65
Frankfurters/Mashed Potatoes	
Sauerkraut	.65
Baked Lasagna	.75
Wednesday, February 4	
Southern Bisque	
Salisbury Steak/Onion Sauce	.65
Roast Stuffed Turkey/Giblet Gravy	.70
Broiled Swordfish/Lemon Butter	.75
Thursday, February 5	
Cream of Corn Soup	
Fried Chicken Cutlets/Chicken Cream Gravy	.65
Spaghetti w/Meatballs/Hunter Sauce	.75
Tender Corned Beef	.65

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Published Weekly for the Employees of Brookhaven National Laboratory

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NORBERT J. DERNBACH
Public Relations Officer

Letters To The Editor

Dear Sir:

My address while I have been in the Air Force has been primarily in the Sacramento area. My tenure will soon cease, hopefully in May. After that time I will be going to school either at Oregon or Washington State University. These two schools offer excellent courses in oceanography. This will be my major endeavor with a minor in electrical engineering.

I would appreciate it very much if you would send me a copy of your Bulletin so I could communicate with some of the people I knew at Brookhaven.

Michael W. Sheehan
2216 T Street No. 7
Sacramento, Calif. 95816

Author! Author!

Through an editorial oversight, the name of the author of the fine article titled "Wanted - Used Champagne Bottles" was omitted from last week's *Brookhaven Bulletin*. Bernice Petersen, who has written several other feature articles for the *Brookhaven Bulletin*, was the unnamed author of the article.

Bernice, who is Executive Secretary to Assistant Director R.C. Anderson, has also written articles for the special issue of the *Brookhaven Bulletin* that is distributed during Visitor's Days each year.

BNL Mail Delivery

In the past there have been three BNL mail runs each day for pick up and delivery. These left the Mailroom at 9:30 a.m., 1:00 p.m., and 3:00 p.m., returning approximately an hour and a half later.

Starting Monday, February 2, 1970, the 1:00 p.m. mail run will be eliminated. This will not affect the incoming and outgoing U.S. mail service, as the U.S. mail truck comes twice a day, at 8:00 a.m. and 5:00 p.m.



SMOKING IS VERY SOPHISTICATED

AMERICAN CANCER SOCIETY

Mid-Winter Doldrums — Who Needs Them?

Wouldn't it be great if we could all take off on a Caribbean holiday to break the monotony of this cold winter? Unfortunately, most of us can't afford such luxury and have to think of other ways to get us through the mid-winter doldrums.

Why not give a thought to active participation in one or two of the many recreation programs offered to BNL employees? Join the fun in playing basketball, indoor soccer, volleyball, or taking to the bowling alleys. We have weekly play in all these sports.

Think about joining one of the organized Clubs such as Photography, Judo, Rifle/Pistol, Golf, Mountain Climbing, Aviation, Archery, Family Camping, Ham Radio, Exercise, or Sports Car.

Do you have thespian aspirations? Join the Theater Group. New members are always welcome. In fact, preparations are underway for a spring production and lots of behind-the-scenes help will be needed.

You've all seen the Concert Series posters around the Lab, but how many of you have gone to Berkner Hall to see and enjoy the top notch artists we have been so fortunate to get? The date of the next performance is February 5, and the program will feature the Mozarteum Woodwind Quintet of Argentina. Why not set aside that date and treat your family to a thrilling night of musical entertainment?

BERA's next Lab-wide dance will be held on Friday, February 20. We're calling it "Winter Wonderland" and the Utilities Division is doing all the work to make this a super-duper event. The Wayne Foster Orchestra will be the music makers for the evening (we get nothing but the best). Get

Winter Wonderland Dance Coming



Will the above scene be repeated at the Winter Wonderland dance in the Gym on February 20? Just what dance are they doing? Reserve the evening of February 20, on Friday night to find the answer.

a group together and come along. As Katherine Murray says — "Put a little fun in your life — try dancing."

Now a few words about our swimming pool. We hate to think that a lot of employees don't take advantage of this fantastic recreation facility. We're open five days a week, Monday through Friday, from 12:00-3:00 and 5:00-9:30. Admission is 50¢ each for employees and family and 75¢ each for visitors. An employee is entitled to bring along with him five visitors each visit. Season passes may be purchased at \$10 for employee (single membership)

and \$20 for employee and family. Two trained lifeguards are always on duty to give ready assistance whenever needed. Surprise your family — tell them you're going to have a "swim night" once or twice a week. They'll love you for it.

This report just touches the bases on some of the different activities. If you want more information on any of them, George Sabine or Blanche Laskee of the Recreation Office will be happy to answer your questions. The Office is open 9:00-1:00 each working day. Stop in and pay them a visit!

Woodwind Quintet Is Next On Concert List

The Mozarteum Woodwind Quintet of Argentina will be the next offering of the season for the BERA Concert Series. This South American ensemble will perform at BNL as part of their first coast-to-coast tour of the United States.

The ensemble of Alfredo Ianelli, flute; Pedro Di Gregorio, oboe; Mariano Frogioni, clarinet; Pedro J. Chiambaretta, bassoon; and Domingo Zullo, horn, was organized in 1963 at the initiative of the Argentine Department of Culture. All are soloists and have been principal players with the leading orchestras of Argentina and other Latin American countries.

In 1968 the Wind Quintet officially represented its country in the Inter-American Music Festival in Washington, D.C., and, as the ensemble of the Argentine Mozarteum, it is everywhere the ambassador for the music of Argentina and the Americas which is its particular forte.

On February Fifth, the program for the evening will consist of two parts, the first opening with Mozart's Divertimento No. 14, K. 270 in three movements. This will be followed by Vivaldi's Trio Sonata for Flute, Oboe and Bassoon and Three Short Pieces by Jacques Ibert.

After intermission, a work of the living composer, Celso Garrido Lecca will be performed. Lecca is a native of Peru who studied in Peru, Chile and the United States. He has composed a large quantity of incidental music but has also written piano music, chamber works and symphonic compositions. His Symphony in



One Movement was performed at the Second Inter-American Music Festival in Washington, D.C. in 1961, and his Laudes was premiered at the third series of festivals held in 1965.

The final work of the evening's program will be the Quintet for Winds, Opus 71 by Ludwig Van Beethoven.

The BERA Concerts are open to the public as well as to employees. Tickets for individual concerts may be bought at the door the evening of each performance at Berkner Hall. Employees may purchase tickets at \$3.00 each for adults and \$1.50 for children. Those who are not employees are charged \$3.50 each. The concert will start promptly at 8:30 p.m., Thursday evening, February 5.

Mountain Club Meeting

The BNL Mountain Club's next meeting is scheduled for Thursday, February 5, 8 p.m., in the apartment area recreation building. Art Huffman will present a beautiful series of his slides entitled "Snow Climbing in the Cascades." Also, annual elections will be held, and future activities will be discussed. Refreshments will be served. Members and non-members alike are welcome. Call Joe Fineman or Gary Hughes for more information.

Bowling News

Irma Carl

Purple League

Three nights into the second season and the Designers are in first place with the Electronics and Fiscal one point behind. Charlie Tomesch had a 222/574, Tom Holmquist 185/517, Jack Austen 182/515, Stan MacCormack 192/511, Werner Hayes 188/509, Ben Belligan 203/507, and Santo Di Naro 189/507.

Red League

The night of Jan. 20 was another big one. Jim Lee came up with a 246/607, W. Kollmer 245/595, and C. Bohnenblusch 204/217/588. S. Kiss 219, J. Lypecky 213, N. Anderson 204, J. Eriksen 202, and N. Parrinello. 200.

Pink League

The Hopefuls have climbed over the ranks and now lay claim to first place. High games and stars for the night were Fran Scesny with her 170, Pat Oster 172, Ann Kirkpatrick 180, Rosalie Piccione 191, and Mona Vitale 192.

Slo-Break Basketball

by George Latham

The Knacks, after going undefeated for a season and a half, lost to the Dirty Dozen 40-34 last Thursday night. Herm Haller had 11 points for the Dozen and Bob Casey scored 12 points for the Knacks.

George Leverock scored 11 points leading the Highballs to a 47-35 victory over AMD. Les Lawrence and Bob Schuman each had 10 points for AMD.

Physics won their first game of the season 31-24 over Medical. George Dioguardo had 10 points for Medical and Vince Minkiewicz scored 9 for the Physics team.

The Tandems won a close one from Chemistry 29-26. Tom Brennen scored 13 points for Chemistry and Leroy James had 10 points for the Tandems.

The Standings —

Associated League (Second Half)

	W	L
Dirty Dozen	1	0
Highballs	1	0
AMD	0	1
*Knacks	0	1

*First Half Winners

Universities League

	W	L
Biology	4	1
Tandems	4	2
Chemistry	3	3
Medical	2	4
Physics	1	5

Mixed Volleyball All's Fair in Love and War

The first half of the Mixed Volleyball season ended in mixed feelings. Ruby Burwell, Captain of the Jets, was a little disappointed that after maintaining the lead for three weeks, her team had to play short-handed and ended up losing all three games and the championship.

Pat Oster and the Mets took last position with pride, since they have been complimented by other players on their fine sportsmanship.

The Bouncers, with Joyce Terrone as Captain, have always played well in practice but when it comes to the real thing they're strictly third place.

Congratulations to Connie Curran and the Nets for taking first place.

January 26th begins a new slate. At the end of March, the winners of the second half will play off with the first half champs for the season's championship.

Lorraine Osterer

Photo Club Meeting

The first work session on the essentials of black and white photography has been scheduled for Tuesday, Feb 3, 1970, at 8 p.m., at the Recreation Building, B.N.L. apartment area. Topics of discussion will be films, developers, and the determination of correct exposure for high quality photographs. Bring negatives and prints for questions, as well as your camera if you need instruction.

Adult Ed In Sayville

Brochures describing the 1970 Spring Adult Education program at the Sayville High School, are available at the Office of Scientific Personnel, 40 Brookhaven Ave.

Registration for the courses will begin tonight from 7 to 9 p.m. at the Sayville High School. Courses ranging from Decoupage to Contract Bridge will be offered on weekday nights from 7:30 to 9:30 p.m.

Classified Advertisements

Auto & Auto Supplies

67 ROVER 2000 TC - White/dk blue leather int, new batt, 6 mags w/ Pirelli radial tires (2 studded snows), excel cond. 475-5894.

61 RAMBLER - 4 dr, 6 cyl, auto trans, snows, low mileage. \$150. 234-1868 after 6.

68 PONTIAC LEMANS - Vinyl top, bckts, Hurst 4 spd, 389 cu in eng, low mileage, new studded snows. E. Divis, Ext. 2718.

2-15" GMC WHEELS - 6 hole, w/ worn Goodyear 6 ply 7.00x15 snows. J. Semkus, Ext. 558.

1 SNOW TIRE - 8.25x14 Firestone Town & Country, 2 rims, for Mustang 5 hole wheel. Spencer, Ext. 7120.

59 RAMBLER - It runs! Best offer. Joe, Ext. 7310, 744-5431.

58 PLYMOUTH FURY III - 4 dr sedan, ps/pb, other extras. \$1950. Bernie, Ext. 322, 286-8946 after 5.

69 JAVELIN SST - Dk green/tan int, V8, excel cond, w/w, auto trans, ps, rec seats, bckts, r/h, console, low mileage. 286-0785 after 5.

63 WAGONEER - 4 w/d, r/h, 4 new snow tires, new batt, excel cond. \$1150. 286-3440 after 6.

69 YAMAHA MOTORCYCLE - 300 cc, twin carbs, 5 gears, mirrors, 2100 mi, must sell. Sacrifice, \$485. Jerry, Ext. 2715.

67 PLYMOUTH FURY WAGON - 6 cyl, std trans, r/h, low mileage, excel cond. 286-8119.

54 CHEVY - Good running cond but needs muffler, body rusted, on y 3 owners. \$60. 475-4952 after 5:30.

65 BUICK SKYLARK CONV - Beige/white top, console, auto trans. Asking \$1200. 325-0675.

64 CHEVY II NOVA WAGON - V8, auto trans, r/h, ps, good cond. R. Panvini, Ext. 7661, 751-3195 eves.

67 VW SQUAREBACK - 30 mpg, 4 extra tires, snows, radio, back-up lights, undercoated, leatherette upholstery. 1/2 price of new one. Ext. 7775, 286-0954 after 6.

60 CHEVROLET BELAIR - Auto trans, 4 dr, bad eng. \$30. Schott, Ext. 512 after 6.

64 LINCOLN - 4 dr, full pwr, good cond. \$500. W. Lundgren, Ext. 7525, 588-1566.

2 STUDDUED SNOW TIRES - Goodyear, not recaps, very low mileage, 8.45x15. \$10 ea. Bill, Ext. 2580.

20 QTS GULF 40W OIL - Asking 20¢/qt. B. Kiriazis, Ext. 7220/2766.

63 FORD GALAXIE 500XL - 390 eng, 4 spd floor shift, r/h, ps, bckts, reverb, recent valve job, radial tires, good cond. \$700. Hans, Ext. 686.

STUDDUED SNOW TIRES - Goodyear, 6.45x14, fit sports cars, like new, \$30; ski rack for sports cars, new, \$10. AT6-8945.

66 PONTIAC TEMPEST - 2 dr hdtv, vinyl int, r/h, w/w, OHC6, auto trans, rear fender dented, nifty. \$800. Shea, Ext. 7413.

66 MUSTANG CONV - Red/white top, V8, 4 spd, console, bckts, very good cond, extras. \$1295. C. Nielson, Ext. 7677, 325-0968.

Boats & Marine Supplies

14' SAILBOAT - '67 O'Day Javelin, fiberglass, c.b., Hild sails, 5 hp Seagull, '69 trailer, excel cond. Terry, Ext. 7351, 744-8623.

SEARS 15' BOAT COVER - Used 1 wk. Was \$35 new, will sell \$25. H. Ach, Ext. 2411, 929-8187.

Miscellaneous

ORGAN - Farfisa compact, 2 yrs old, amplifier needed in order to be played. Was \$675 new, sell \$200 firm. Roy, AT6-0641.

BABY CARRIAGE - Alvin, English style, folding, can be used as car bed, w/mattress. \$18. Ext. 7748, 475-7272.

PLAY PEN & MATTRESS PAD - Wooden. \$6. Ext. 7748, 475-7272.

BASSET PUPS - AKC reg, tri-colored. 744-2484.

SIAMESE KITTENS - Pure bred, 2 lilac males, pan trained, whelped Jan 2, great for Valentines. Reasonable. HR3-9180 after 12 pm.

STELLA HARMONY GUITAR - \$15; sale or swap - ladies' ice skates, size 4 for size 5. Ext. 2392.

STEREOPHONIC RECORD CHANGER - W/walnut base & ADC-770 magnetic cartridge for very little. Tom K., Ext. 7396/7300.

35 MM CAMERA - Retina IIS, w/50 mm f:1.9 lens & built-in exposure meter. For the price of the lens only. Tom K., Ext. 7396/7300.

'70 GE WASHING MACHINE - 1 mo old, guaranteed for 1 yr. \$210. Chris, Ext. 565, 281-9366.

"BESTINE" RUBBER CEMENT - 2 gals; 1 gal "Bestine" thinner. Asking \$10. Kazdin, Ext. 7576.

LADIES SKI PANTS - Turquoise, very sm size 10, made in Austria. Orig \$45, asking \$15. GR5-8397, 5:30-6:30.

TYPEWRITER - Portable Olivetti-Underwood, like new. \$25. Ann, Ext. 456.

EICO EQUIPMENT - Mod 320 sig gen; mod 360 TV-FM sweep gen; mod 460 DC wideband scope. \$50. J. Post, Ext. 7187.

WOODCO BASEMENT WINDOWS - 2 ea app 30"x13 1/4", new & unpainted. Both/\$14. J. Post, Ext. 7187.

POLAROID MOD 850 CAMERA - Color/b&w roll film, elec eye auto or manual shutter, case & wink lite incl. \$40. Ext. 7187.

R/C PLANE KIT - Fokker D7, molded wings, brand new. \$12. J. Post, Ext. 7187.

PORTABLE CAMERA TRIPOD - \$10; flash unit, \$3. K. Fuchel, Ext. 2446.

AUTO LENS FOR NIKON - 200 mm, f3.5 Soligor. \$55. K. Fuchel, Ext. 2446.

GERMAN SHEPHERD PUPS - 6 wks old Feb 1, AKC reg. Frank, 822-1592.

LIKE NEW - Lady's coat, size 12, navy wool w/red leather trim, \$8; raincoat, lined, lt blue plastic, \$5. Ext. 2392.

LADIES' FIGURE SKATES - White, size 6. \$6. F. Pallas, Ext. 7183, 475-3365.

HAMMOND ORGAN - Built in Leslie unit, 21 voices, w/bench & instruction course, like new, walnut finish. \$750. JU8-1855 after 6.

WINCHESTER .270 AMMO - 34 rounds. \$5. Kazdin, Ext. 7576.

GAS WATER HEATER - Made by Wood, brand new, in crate, 10 gal. \$25. Ext. 2528, AT6-1092 after 5:30.

COFFEE TABLE - Early Am, cherry, excel quality & cond. \$25. Rowley, AT6-0975.

LAWN MOWER - 20" self propelled, gas powered Sunbeam, good cond. AT6-0798.

GRUNDIG STEREO CONSOLE - Phonograph with AM/FM band radio in teakwood, Danish mod cabinet, excel cond. \$100 or best offer. Steve, Ext. 7756.

FIREPLACE SCREEN - \$10; 9'x8' corner sectional, 3 pcs, Danish, \$25. R. Albert, Ext. 7686.

PORTABLE HOOVER WASHING MACHINE - Perf cond, 29"l x 32"h, great for apt, stores in closet. \$95. Kirk, 473-8339.

CASSELL'S FRENCH-ENG DICTIONARY - Mint cond, reasonable, make offer. Claire, 744-5969.

ROUND MAPLE TABLE - W/leaf & 3 Captain's chairs; maple hutch; all good cond. Mrs. G. Brewer, Ext. 2909, HR3-1395.

16' SHASTA TRAVEL TRAILER - Sleeps 5, self-contained, hitch, brake control, spare, must be seen. 584-5325.

21" RCA COLOR TV - Has new rare earth picture tube, must be seen to be appreciated. \$150. 472-1392 after 5.

SET OF OAK STAIRS - New & compl, 8'6" floor to floor. Ext. 2989, 473-7657 eves.

ECLIPSE SOFA - Opens to full size bed. Asking \$100. Bob, Ext. 2556, 929-4753 eves.

LABRADOR RETRIEVERS - Golden, 11 wks, AKC & shots, excel w/children or field. LT9-5432.

COMPTONS ENCYCLOPEDIA - Compl set, latest ed, w/bookcase, never used. \$150. Ext. 322.

CONSOLE MAGNUS CHORD ORGAN - Must sell to make room for larger organ, w/bench & light. Cost \$175, sell 1/2 price. JU8-0629 after 5.

PUPPIES - Free, 5 wks old, mother English Springer, father Labrador I think, blk & white markings. H. Ach, Ext. 2411, 929-8187.

SKI BOOTS - Size 7 1/2. \$12. Ext. 7689.

AKC GERMAN SHORTHAIRED POINTER - Female, 14 mos old, best reasonable offer. Irwin, Ext. 2168.

THE NEW BOOK OF KNOWLEDGE - '68 ed, compl set plus '69 yearbk, never used. Paul, Ext. 7203, 289-5443 after 6.

UMBRELLA TENT - Good cond, sleeps 4, asking \$25; C flute, Bundy-Selmer, good cond, new pads, asking \$45. B. Kiriazis, Ext. 7220/2766.

MEN'S CLOTHES - 3 suits (size 40), topcoat (38), sport coat, car coat, shirts & pants, all good to excel cond, some brand new, reasonable. B. Kiriazis, Ext. 7220/2766.

CHILEAN KINDERGARTEN TEACHER - Available to do babysitting daily, eves, and/or weekends, lives on site. Betty, Ext. 2759.

TAPE DECK - Professional Sony TC666D, frequency response 20-22k @ 7 1/2 ips, 20-15k @ 3 3/4 ips, many good features, excel cond. Hans, Ext. 686.

TRAVEL TRAILER - 16' Shasta, 3 burner stove & oven, sleeps 5, elec brakes. Asking \$895. HR3-8582.

CASSETTE TAPE RECORDER - Sony TC100, excel cond. Hans, Ext. 686, MO1-0296 after 6.

TURNTABLE - Rek-O-Kut N33H, 33 rpm stereo, excel. Harbottle, Ext. 2370.

SIAMESE KITTEN - Male, 8 wks old. \$20. Jackie, Ext. 2495, 286-1201 after 6.

MINIBIKE - Dismantled, but everything in running order. Cheap. 744-5969 or Ext. 7421.

DISHWASHER - Tappan Deluxe, 5 yr old, needs timer to work, otherwise OK. \$25. 473-2523.

SKI JACKET - Men's size med, blue nylon, 100% goose down filled, too lg for me. \$30. Bill, Ext. 7693.

WRIGHT RECIPROCAL PWR SAW - Listed for \$180, quick sale at \$60. Ext. 7453.

PUPPY - 10 wks old, 1/2 Lab & 1/2 Shepherd, male. Free. Dick, Ext. 601, WA9-4551.

AKC BEAGLE - Female, 5 mos, all shots, child allergy, must sell. \$45 firm. 473-2053.

HANDSOME CORNER CABINET - W/15" Altec speaker. Best offer. Ext. 7453.

STEREO CASSETTE TAPE PLAYER - Craig solid state, speakers & half a dozen tapes, for auto. \$55. Bob, Ext. 2598.

Real Estate

Real Estate advertised for sale or rent is available without regard for the race, color, creed or national origin of the applicant.

For Sale

CENTEREACH - 3/4 acre, wooded plot, dead end road, near Smithhaven. \$6500. E. Metzler, Ext. 2512, 588-4805 after 6.

3 BEDRM HOME - Fireplace, carpeting, 2 car garage, many extras, on treed acre, privacy, low taxes. \$31,500. YA4-3519.

CENTER MORICHES - 3 bedrm house on approx 1 acre land w/garage, 2 blocks from shopping. \$15,500. M. Helfant, Ext. 2278, 878-0447 after 6.

SAYVILLE - 6 yrs old, ranch, 3 bedrms, 2 baths, basement, garage, wooded area, low mort. 589-7052 eves.

For Rent

RIVERHEAD - 1 yr lease, avail 7/1, 20 min to Lab, English Tudor, 7 rms, 3 bedrms, 2 baths, oil heat, detached rec rm, den, TV, washer, dryer, dishwasher, fireplace. \$200/mo. PA7-3849.

3 BEDRM HOUSE - On approx 1 acre land, garage incl, 2 blocks from shopping in Center Moriches. \$150/mo. M. Helfant, Ext. 2278, 878-0447 after 6.

Wanted

HOUSE - 3 bedrms, 1 1/2 bath, 1 1/2 car attached garage, wooded 1/2 acre, east of Pipe Stave Hollow Road, Miller Place. Ext. 2994, 751-5867 after 6:30 p.m.

BABYSITTING JOBS - High school girl avail to babysit eves in Bellport, E. Patchogue & Patchogue area. Janet, 286-0906.

TO RENT - 1 or 2 bedrm furn apt/house. Kendrick, Ext. 2962, Ext. 7730 eves.

BIRD CAGES FOR CANARIES - Need 2. Torre, Ext. 423.

BABY ITEMS - Carriage, bed or crib, in good cond only. Ext. 517/2875.

SKI EQUIPMENT - Cheap, for beginners, male 5'7", female 5', children 8 & 11 yrs old. Ext. 7353.

6 STRING GUITAR - For 7 yr old child taking lessons, reasonable. P. McHugh, Ext. 7164.

3 OR 4 BEDRM HOUSE - Rent w/option or towards purchase, Shoreham or Pt Jeff School No. 6, no agents. 744-6174.

SHOP MANUAL - '64 Chrysler & '65 Ford. Jerry or Herb, Ext. 2934.

WOMAN COMPANION - Room & board supplied. GR5-4036.

STUDENTS - Who wish to study piano, accordion or organ, beginners or advanced, my home or yours. Don, 281-8044 after 5.

SEVERAL SWINGING ADULT VOLUNTEERS - For CSD No. 4 coed youth activities, 1 Mon eve per month at Dunton Ave school gym. A. Daly, Ext. 2449.

PETS - Going on vacation, skiing, pet sitting, reasonable, reliable. Tony, 924-8225.

TO RENT - Sm apt or house. B. Kiriazis, Ext. 7220/2766.

TYPING - Term papers, etc., to do at home. Claire, Ext. 2131.

SKIS - 6' or less, \$10 or less. Lorraine, Ext. 2930.

POTTERY CLUB - Anyone interested in joining a Pottery Club, open to employees & their families. B. Connell, Ext. 2341.

REGULAR SIZE QUILTING FRAME - Ext. 2248.

HORIZONTAL GASOLINE ENG - 5 or 6 hp, for sm tractor. Dick, Ext. 601, WA9-4551.

Carpools

DRIVER WANTED - To compl existing carpool from Exit 52 (or further west) on LI Expwy. Elliot, Ext. 2103.

DESIRE DRIVER - From Massapequa-Wantagh & vicinity. Ext. 2942.

JOIN OR FORM CARPOOL - Suffolk Community College student wants to join or form carpool from Lab to school. Betty, Ext. 2759.

JOIN OR FORM CARPOOL - Lake Ronkonkoma area, near Hawkins Ave & Expwy. A. Panasci, Ext. 2349.

Lost & Found

LOST - Elgin watch, basement 510. If found, please call Ext. 2120.

Classified Ad Policy

Deadline is 12 noon Friday for publication the following week.

- The Brookhaven Bulletin's classified section may be used only by active and retired Laboratory employees.
- All items for sale or rent must be the advertiser's property.
- Ads for material acquired for resale in association with a full or part-time business cannot be accepted.
- Firearms offered for sale or trade may not be brought on site.

- Ads not carried because of space restrictions will be held for publication in the next issue.
- Ads are run only once and must be resubmitted if they are to be repeated.
- Ads should be restricted to 20 words or less and typed or printed on the form provided, and must bear the employees signature.

For Sale: Auto & Auto Supplies
 For Sale: Boats & Marine Supplies
 For Sale: Miscellaneous

Wanted
 Carpools
 Lost & Found

Check the heading applying to your ad.
Print or type your ad in 20 words or less.

Ads concerning property for sale or rent cannot be accepted on this form. Special Real Estate Ad forms are available at the Office of the Brookhaven Bulletin, Room 112, 40 Brookhaven Avenue.

(Name & Phone No. To Call)

Employee's Signature Life No. Ext.
Send to: Brookhaven Bulletin, 40 Brookhaven Avenue